

## INTERNATIONAL SEARCH REPORT

In International Application No  
PCT/IB2004/051460

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06T1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HARTUNG F ET AL: "Spread spectrum watermarking: malicious attacks and counterattacks" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, USA, vol. 3657, January 1999 (1999-01), pages 147-158, XP002308705 ISSN: 0277-786X	1-6, 10-20
Y	* Section 4.4.1, lines 1-31 * ----- -/--	7-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

3 December 2004

Date of mailing of the international search report

21/12/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CALDELLI R ET AL: "Authorized MPEG-4 video fruition via watermarking recovering and smart card certification" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, USA, vol. 4793, January 2003 (2003-01), pages 57-63, XP002308708 ISSN: 0277-786X * section 3.2 *	7-9
A	US 6 546 113 B1 (LUCAS KEITH ET AL) 8 April 2003 (2003-04-08) column 2, line 1 - line 16 column 2, line 44 - line 62 figure 4	1-20
A	DOMINGO-FERRER J ET AL: "Enhancing watermark robustness through mixture of watermarked digital objects" PROCEEDINGS INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY: CODING AND COMPUTING IEEE COMPUT. SOC LOS ALAMITOS, CA, USA, 2002, pages 85-89, XP002308706 ISBN: 0-7695-1506-1 * section 2.1.2 *	1-20
A	VOLOSHYNOVSKIY S ET AL: "Attacks on digital watermarks: classification, estimation based attacks, and benchmarks" IEEE COMMUNICATIONS MAGAZINE, USA, vol. 39, no. 8, August 2001 (2001-08), pages 118-126, XP002308707 ISSN: 0163-6804 abstract	1-20
A	VENKATESAN R ET AL: "Image watermarking with better resilience" PROCEEDINGS ICIP 2000, vol. 1, 10 September 2000 (2000-09-10), pages 403-406, XP010530636 page 404, last paragraph	1-20

### Information on patent family members

FBI, IB2004/051460

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6546113	B1	08-04-2003	NONE